Medical Cannabis Use in the Elderly: Clinical Effectiveness and Guidelines
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Acknowledgments:

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About CADTH: CADTH is an independent, not-for-profit organization responsible for providing Canada’s health care decision-makers with objective evidence to help make informed decisions about the optimal use of drugs, medical devices, diagnostics, and procedures in our health care system.

Funding: CADTH receives funding from Canada’s federal, provincial, and territorial governments, with the exception of Quebec.
Research Questions
1. What is the clinical effectiveness on the use of medical cannabis in the elderly?
2. What are the evidence-based guidelines on the use of medical cannabis in the elderly?

Key Findings
One systematic review, four randomized controlled trials, and two non-randomized studies were identified regarding the clinical effectiveness on the use of medical cannabis in the elderly.

Methods
A limited literature search was conducted on key resources including PubMed, The Cochrane Library, University of York Centre for Reviews and Dissemination (CRD) databases and a focused Internet search. No methodological filters were applied to limit retrieval by publication type. The search was limited to English language documents published between January 1, 2012 and December 12, 2017. Internet links were provided, where available.

Selection Criteria
One reviewer screened citations and selected studies based on the inclusion criteria presented in Table 1.

<table>
<thead>
<tr>
<th>Table 1: Selection Criteria</th>
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<tr>
<td><strong>Population</strong></td>
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<td><strong>Intervention</strong></td>
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<td><strong>Comparators</strong></td>
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<td><strong>Outcomes</strong></td>
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<tr>
<td><strong>Study Designs</strong></td>
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Results

Rapid Response reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews, and meta-analyses are presented first. These are followed by randomized controlled trials, non-randomized studies, and evidence-based guidelines.

One systematic review, four randomized controlled trials, and two non-randomized studies were identified regarding the clinical effectiveness on the use of medical cannabis in the elderly. No relevant health technology assessments or evidence-based guidelines were identified.

Additional references of potential interest are provided in the appendix.

Health Technology Assessments

No literature identified.

Systematic Reviews and Meta-analyses


Randomized Controlled Trials


Non-Randomized Studies


Guidelines and Recommendations

No literature identified.
Appendix — Further Information

Previous CADTH Reports


Randomized Controlled Trials - Mixed-Age Population


Non-Randomized Studies

Alternative Outcome


Mixed-Age Population


Elderly Not Specifically Mentioned


Qualitative Studies

Alternative Outcome


Review Articles


